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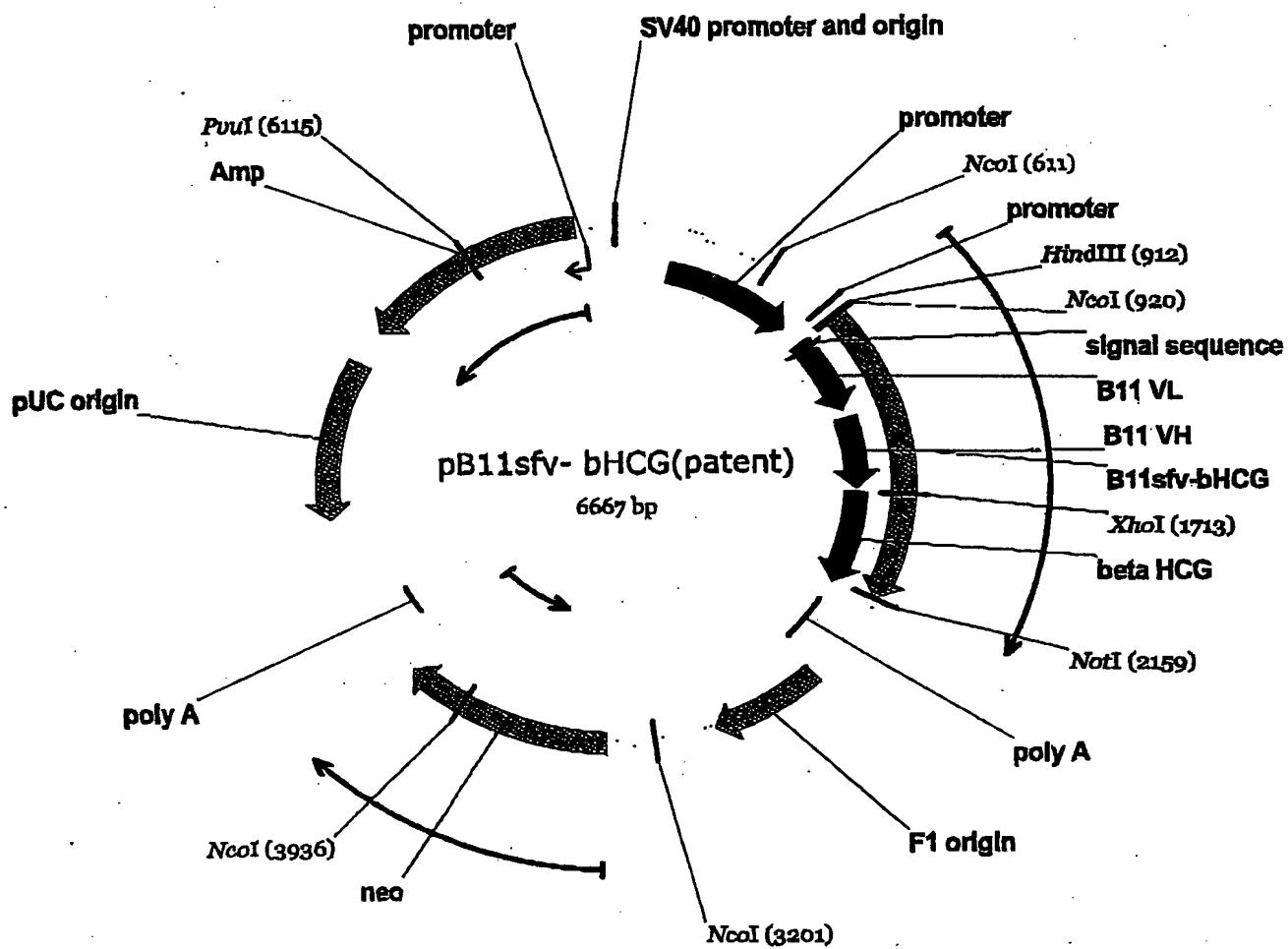
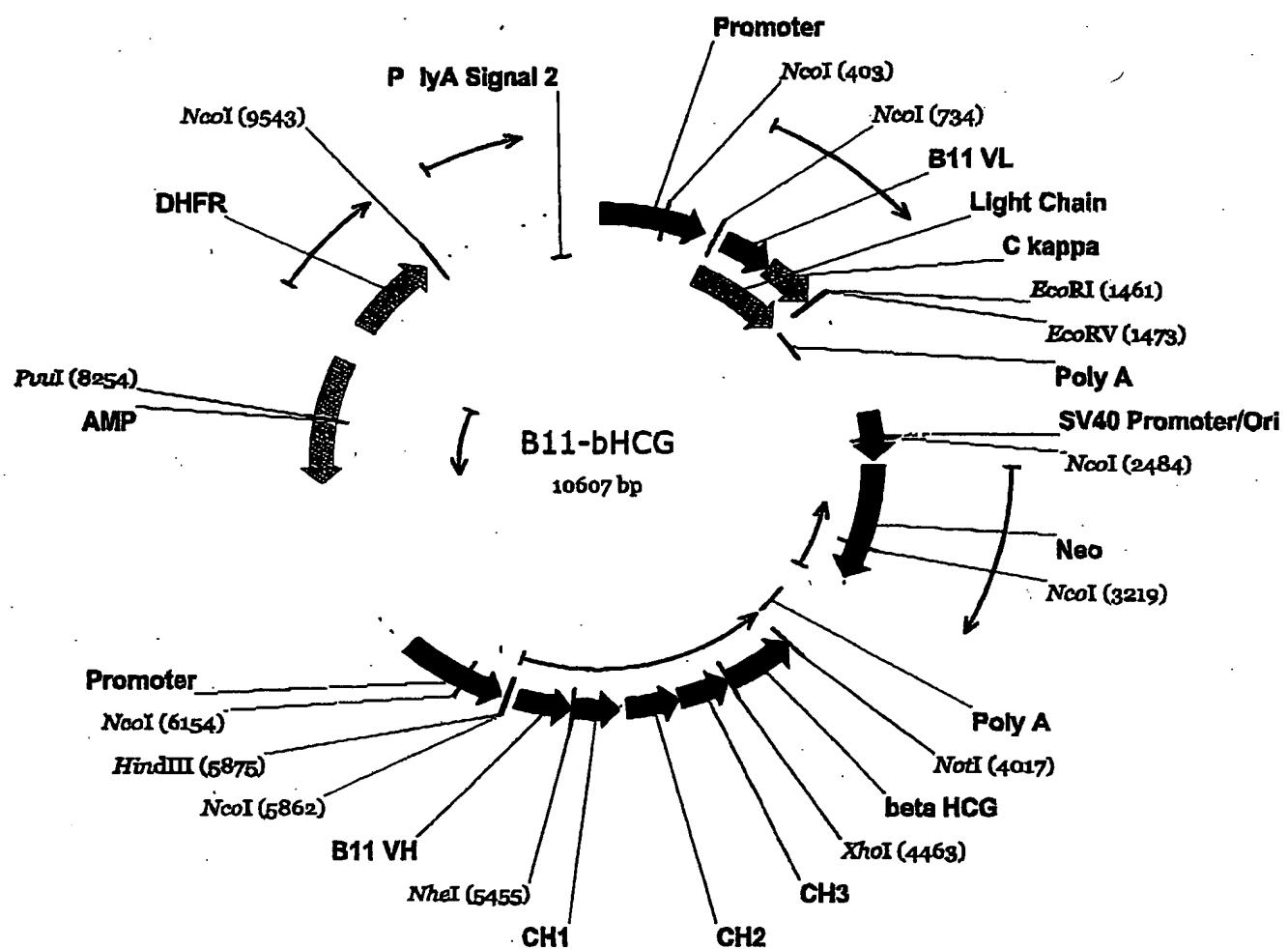


Figure 2



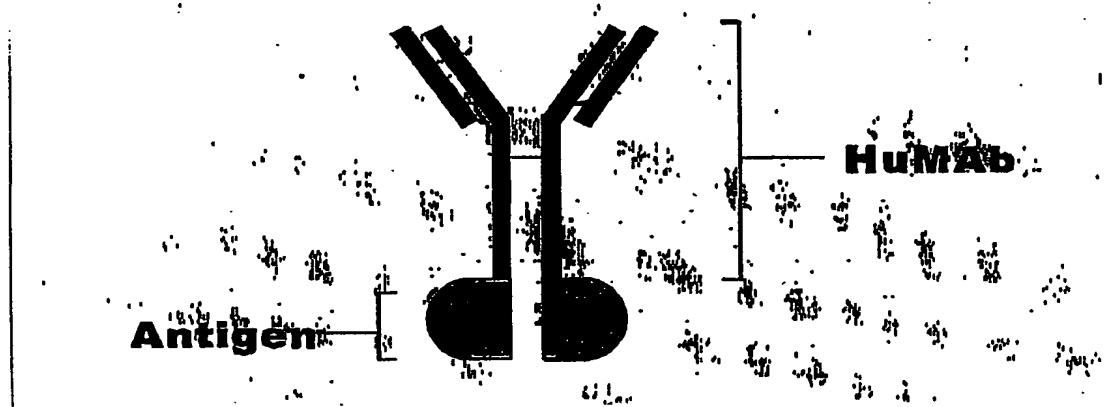
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THEREFOR

Figure 3



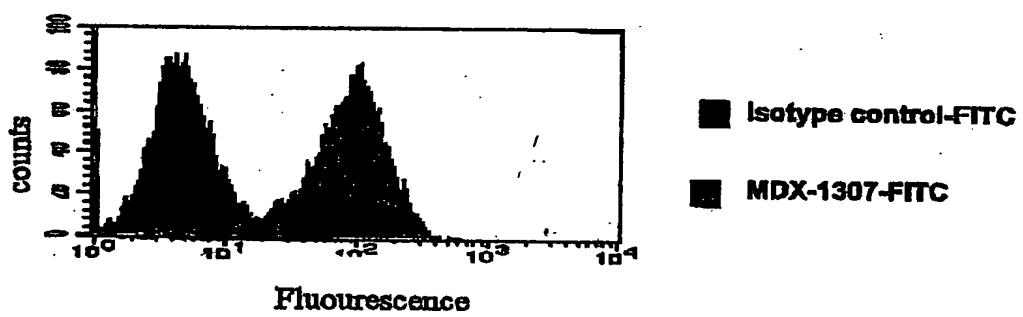
**Figure 4**

Figure 5

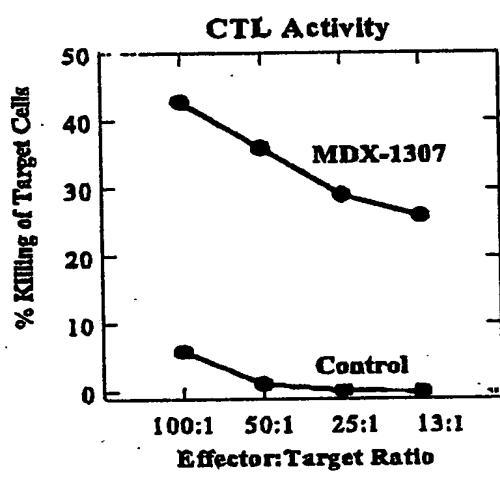


Figure 6

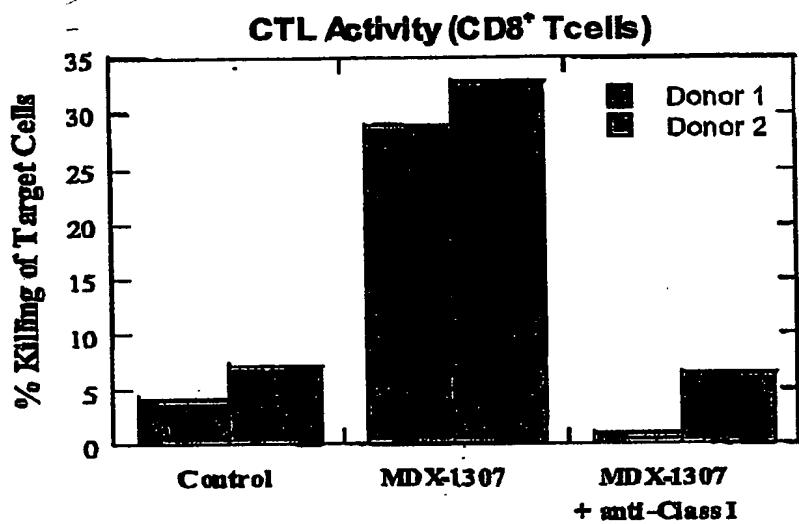
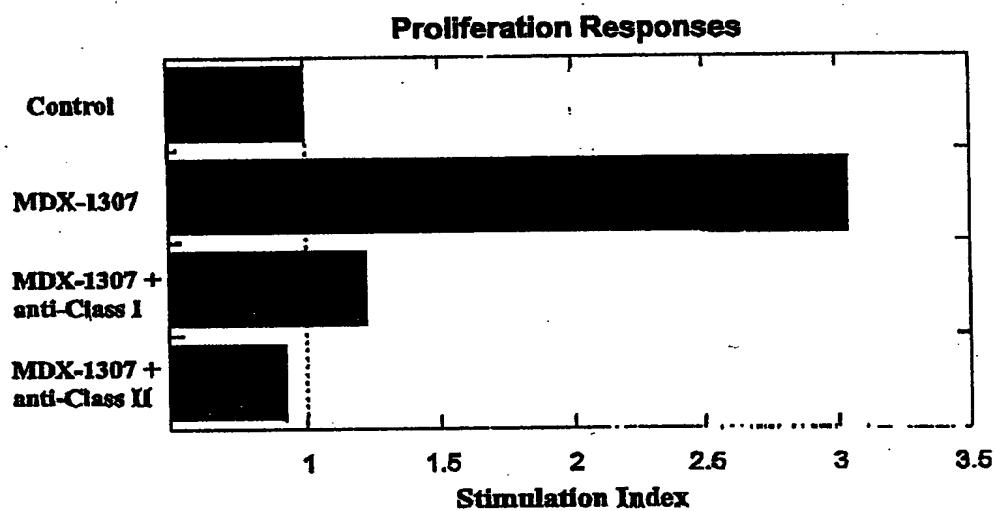


Figure 7



**Figure 8**

Anti-Mannose Receptor B11 VH

V-segment: Locus - 5-51 Name: DP-73/V5-51  
 D-segment: Unknown  
 J-segment: JH4b

1 E V Q L V Q S G A E V K K P G E S L  
 GAG GTG CAG CTG GTG CAG TCT GGA GCA GAG GTG AAA AAG CCC GGG GAG TCT CTG

CDR 1

55 R I S C K G S G D S F T T Y W I G W  
 AGG ATC TCC TGT AAG GGT TCT GGA GAC AGT TTT ACC ACC TAC TGG ATC GGC TGG

CDR 2

109 V R Q M P G K G L E W M G I I Y P G  
 GTG CGC CAG ATG CCC GGG AAA GGC CTG GAG TGG ATG GGG ATC ATC TAT CCT GGT

CDR 2

163 D S D T I Y S P S F Q G Q V T I S A  
 GAC TCT GAT ACC ATA TAC AGC CCG TCC TTC CAA GGC CAG GTC ACC ATC TCA GCC

217 D K S I S T A Y L Q W S S L K A S D  
 GAC AAG TCC ATC AGC ACC GCC TAC CTG CAG TGG AGC AGC CTG AAG GCC TCG GAC

CDR 3

271 T A M Y Y C T R G D R G V D Y W G Q  
 ACC GCC ATG TAT TAC TGT ACG AGA GGG GAC CGG GGC GTT GAC TAC TGG GGC CAG  
 ↓  
 JH4b

325 G T L V T V S S  
 GGA ACC CTG GTC ACC GTC TCC TCA

## Figure 9

### Anti-Mannose Receptor B11 VL

V-segment: Locus - L15 Name: DPK7/HK134  
J-segment: JK1

1 D I Q M T Q S P S S L S A S V G D R  
GAC ATC CAG ATG ACC CAG TCT CCA TCC TCA CTG TCT GCA TCT GTA GGA GAC AGA

#### CDR 1

55 V T I T C R A S Q G I S R W L A W Y  
GTC ACC ATC ACT TGT CGG GCG AGT CAG GGT ATT AGC AGG TGG TTA GCC TGG TAT

#### CDR 2

109 Q Q K P E K A P K S L I Y A A S S L  
CAG CAG AAA CCA GAG AAA GCC CCT AAG TCC CTG ATC TAT GCT GCA TCC AGT TTG

#### CDR 2

163 Q S G V P S R F S G S G S G T D F T  
CAA AGT GGG GTC CCA TCA AGG TTC AGC GGC AGT GGA TCT GGG ACA GAT TTC ACT

#### CDR 3

217 L T I S G L Q P E D F A T Y Y C Q Q  
CTC ACC ATC AGC GGC CTG CAG CCT GAA GAT TTT GCA ACT TAT TAC TGC CAA CAG

#### CDR 3

271 Y N S Y P R T F G Q G T K V E I K  
TAT AAT AGT TAC CCT CGG ACG TTC GGC CAA GGG ACC AAG GTG GAA ATC AAA

JK 1

Figure 10

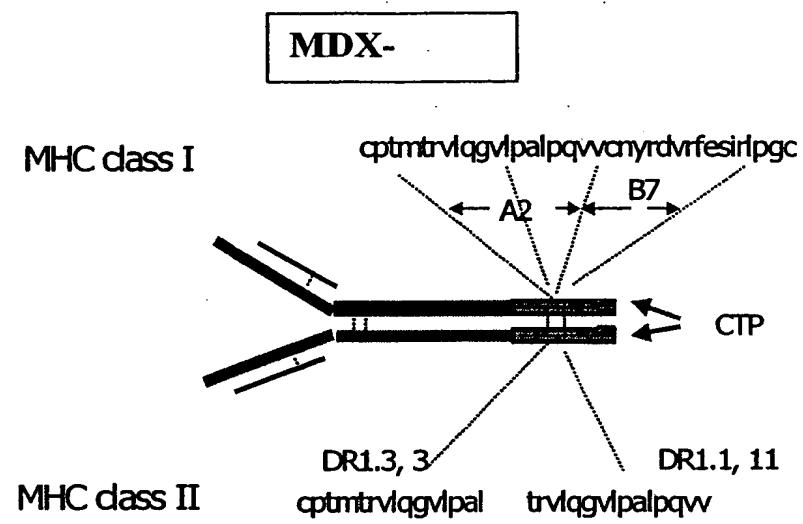


Figure 11

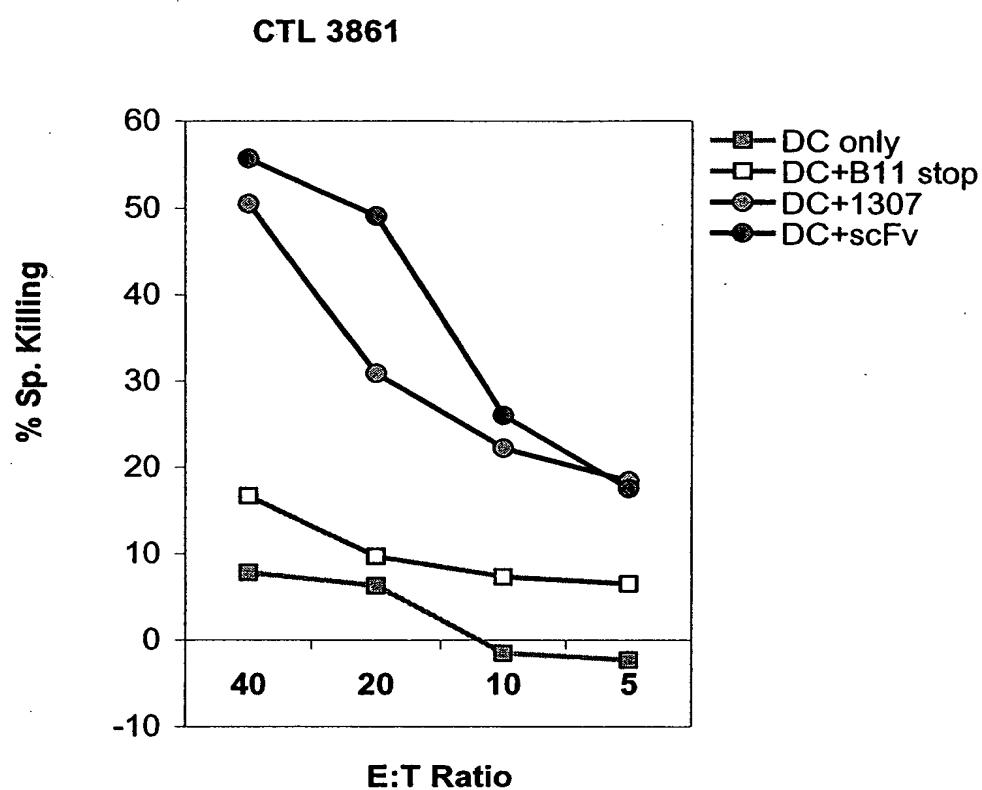


FIGURE 12

Anti-Mannose Receptor VH5-51 Regions

		<i>CDR1</i>	
5-51 germline	E V Q L V Q S G A E V K K P G E S L K I S C K G S G Y S F T S Y W I G		
B11	- - - - - - - - - R - - - - - D - - T - - -		
		<i>CDR2</i>	
5-51 germline	W V R Q M P G K G L E W M G I I Y P G D S D T R Y S P S F Q G Q V T I		
B11	- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -		
		<i>CDR3</i>	
5-51 germline	S A D K S I S T A Y L Q W S S L K A S D T A M Y Y C A R		
B11	- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -		
		<i>germline</i>	
5-51	W G Q G T L V T V S S		
B11			

Figure 13

Anti-Mannos Receptor VH regions (VH5-51):

V 9 rmlne: B11: GAC AAG TCC ATC AGC ACC GCC TAC CTG CAG TGG AGC AGC CTG AAG GCC TCG GAC ACC GCC ATG TAT TAC TGT

**V germline:** b11.1  
**CDR3:** GCG AGA

Figure 14

Anti-Mannose Receptor V<sub>k</sub> L15 Regions

		CDR1																				
		CDR2																				
		CDR3																				
L15	germline	D	I	Q	M	T	Q	S	P	S	S	L	S	A	S	V	G	D	R	V	T	
B11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
L15	germline	Q	K	P	E	K	A	P	K	S	L	I	Y	A	A	S	S	L	Q	S	G	V
B11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
L15	germline	I	S	S	L	Q	P	E	D	F	A	T	Y	Y	C	Q	Q	Y	N	S	Y	P
B11	-	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	T	F	G

Figure 15

## Anti-Mannose Receptor VK Regions

**L15 germline:** GAC ATC CAG ATG ACC CAG TCT CCA TCC TCA CTG TCT GCA TCT GTA GGA GAC AGA GTC ACC ACC  
**B11:** -----  
**B11:** -----

L15 g rmline: ACT TAT TAC TGC CAA CAG TAT AAT AGT TAC CCT CDR<sub>3</sub>

ATC AAA  
B11: